



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

## \*BIBDATASHEET\*

CONFIRMATION NO. 5649

Bib Data Sheet

SERIAL NUMBER 09/511,931	FILING DATE 02/24/2000  RULE	CLASS 714	GROUP ART UNIT 2133	ATTORNEY DOCKET NO. 9281-3561
-----------------------------	---------------------------------------	--------------	------------------------	----------------------------------

APPLICANTS

Takayuki Sugawara, Fukushima-ken, JAPAN;  
 Hiroki Hirashima, Fukushima-ken, JAPAN;  
 Isao Asano, Kukushima-ken, JAPAN; Kyoichi Shirane, Kanagawa-ken, JAPAN;

\*\* CONTINUING DATA \*\*\*\*\* *None*

\*\* FOREIGN APPLICATIONS \*\*\*\*\*  
 JAPAN 11-047937 02/25/1999 ✓

IF REQUIRED, FOREIGN FILING LICENSE GRANTED  
 \*\* 05/04/2000

Foreign Priority claimed <input checked="" type="checkbox"/> yes <input type="checkbox"/> no	STATE OR COUNTRY JAPAN	SHEETS DRAWING 3	TOTAL CLAIMS 3	INDEPENDENT CLAIMS 1
35 USC 119 (a-d) conditions met <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged Examiner's Signature <i>SK</i> Initials				

ADDRESS  
 757  
 BRINKS HOFER GILSON & LIONE  
 P.O. BOX 10395  
 CHICAGO, IL  
 60610

TITLE  
 Disk device with improved error-correction capability

FILING FEE  RECEIVED 690	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
-----------------------------------	---	---